

NI MAIN PANELS

Programmable Irrigation Control System

NI Programmable Irrigation Control System – PICS SmartPanel®



220102

The NI Programmable Irrigation Control System – PICS SmartPanel® – features a large LCD display screen and 20-button key pad for programming. Store up to 8 programs with 18 steps each.

- **Save Trips to Fields**
- **Save Labor & Time**
- **Save Water**
- **Save Energy**
- **Save Down Time**
- **FITS ANY PIVOT**

The PICS SmartPanel® is an irrigation panel with a built-in microprocessor that allows the operator on-site programming of functions that formerly had to be performed manually.

Optionally, the panel can be controlled via radio telemetry and will automatically supply information to a database for irrigation and crop management.

NI Part #	Description
220101	NI PICS I Keypad only; radio-ready for use with base station
220102	NI PICS II Keypad & Manual Control; radio-ready for use with base station
220103	NI PICS III Manual Control; radio-ready for use with base station

Consult the NI sales office for more information on base station application.

Standard PICS SmartPanel® Functions

Each PICS SmartPanel® allows the operator to program the following:

- Start at preset time
- Start and stop at preset location
- Speed set and direction based on location
- Speed by water applied or by percent
- Pump and chemical injection control
- End gun operation

Programming is simple. System control can be set by time or by location in degrees, 0° - 359°.

Optional Radio Telemetry Package

The optional radio telemetry package provides control of all pivots from a computer base station and from voice band radios.

- Remotely monitor and control all pivots from pickups, tractors, combines, etc.
- Voice alarm broadcasts over existing voice band radios.

Optional Record Keeping

- Keep complete record of each system's maintenance history on file.
- Provides inputs for water flow, pressure, soil moisture, and weather station information.
- Expandable to include many more features.

Call NI today for details on how a PICS SmartPanel can give a new or existing irrigation system advanced, programmable features.